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Growth of UV Disinfection Equipment Market Attributed to Scarcity of Safe Drinking Water

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UV Disinfection Equipment Industry: EPA Regulations and Government Initiatives Adding to Market Scope

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REPORT DESCRIPTION

UV Disinfection Equipment Market - Global Industry Analysis, Size, Share, Growth, Trends and Forecast, 2013 - 2019

UV disinfection equipment, as a means of treating and purifying air, water, and surfaces, is rapidly replacing chlorine and other conventional chemical-based disinfectants. The market for UV disinfection equipment has witnessed strong demand in recent years owing to the many benefits it presents over conventional treatment systems.

UV disinfection equipment has low installation and operational cost, is easy to use, and is residue-free while functioning. Cost-effectiveness is the primary force driving consumer demand. Apart from this, factors such as rising toxicity of industrial water wastes, growing awareness among consumers regarding environment-friendly and energy-efficient disinfection systems, shrinking sources of fresh water, increasing need of developing countries to provide safe drinking water, and favorable government initiatives have also contributed to the growth of the global UV disinfection equipment market.

On the downside, the widespread use of low-cost chlorine-based disinfectants and the diminishing share of surface and food and beverages disinfection applications are expected to restrain the growth of the global UV disinfection equipment market in the coming years.

Water Treatment most Common Application of UV Disinfection Equipment

The application areas of UV disinfection equipment include water treatment, air treatment, surface disinfection, wastewater treatment, and process water treatment. UV disinfection equipment also finds application in industries such as food and beverages, healthcare, chemicals, and electronics. UV disinfection equipment is most commonly used in water and wastewater treatment and these segments hold the largest share of the UV disinfection equipment market. The availability of fresh and safe drinking water is a global concern, which has resulted in the growing need for treatment of wastewater. The increasing prevalence of chlorine-susceptible microorganisms such as *Cryptosporidium* and *Giardia* has spiked the incidence of gastrointestinal illnesses, diarrhea, and giardiasis across the globe. International regulatory bodies have encouraged the development of new and advanced water purification and disinfection technologies to battle the spread of waterborne diseases, thereby boosting the demand for UV disinfection equipment.

The use of UV disinfection equipment in the air and surface application segments is expected to grow in the coming years, with demand stemming from the healthcare and chemical industries.

Global UV Disinfection Equipment Market Poised for Strong Growth

The worldwide market for UV disinfection equipment is slated to witness impressive growth in the coming years, according to a report published by leading market intelligence firm Transparency Market Research. The report shows that the global UV disinfection equipment market, which was worth US\$993.4 million in 2012, stands to grow to US\$2.5 billion by 2019. The global market is estimated to register a CAGR of 14.1% from 2013 to 2019, signifying healthy development.

Geographically, the global market for UV disinfection equipment is divided into North America, Europe, Asia Pacific, and Rest of the World. North America dominates the overall market, followed by Europe and Asia Pacific. The North American market for UV disinfection equipment is estimated to retain its lead over the next four years owing to ongoing growth in the water, food and beverages, and wastewater segments in the region. Moreover, early adoption of technology and favorable government initiatives supporting the use of UV disinfection equipment have also added to the growth of the regional market. Growing acceptance of UV disinfection technology in developing economies of Asia Pacific, Latin America, the Middle East, and Africa is also projected to boost demand by 2019.

There are numerous leading players operating in the UV disinfection equipment market. These include Xylem Inc., Advanced UV, Inc., Trojan Technologies, Atlantic Ultraviolet Corporation, Green Water Technologies, Hydro-Photon, Calgon Carbon Corporation, Enaqua, Severn Trent Services, First Light Technologies Inc., Atlantium Technologies Ltd., General Electric Lighting, Aquionics, and Evoqua Water Technologies.

Players have been resorting to product launches and contract acquisitions in order to stay alive in the competitive UV disinfection equipment market and this trend is expected to continue in the next few years.

About Us

Transparency Market Research is a market intelligence company providing global business information reports and services. Our exclusive blend of quantitative forecasting and trends analysis provides forward-looking insight for thousands of decision makers.

We are privileged with highly experienced team of Analysts, Researchers and Consultants, who use proprietary data sources and various tools and techniques to gather, and analyze information. Our

business offerings represent the latest and the most reliable information indispensable for businesses to sustain a competitive edge.

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